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Companies called: - SOCIETE DE TECHNOLOGIE MICHELIN, and
 - MICHELIN RECHERCHE ET TECHNIQUE S.A.

Title:

PLASTICIZING SYSTEM FOR RUBBER COMPOSITION

ABSTRACT

Plasticizing system usable for the plasticizing of a diene rubber composition, characterized in that it is based on an MES or TDAE oil and a polylimonene resin. Rubber composition having an improved resistance to abrasion and to cuts, said composition being based on at least a diene elastomer, a reinforcing filler, a cross-linking system and a plasticizing system comprising between 5 and 35 phr of an MES or TDAE oil, and between 5 and 35 phr of a polylimonene resin (phr = parts by weight per hundred of elastomer). Advantageously, this plasticizing system furthermore comprises an unsaturated (C₁₂-C₂₂) fatty acid triester of glycerol, preferably a glycerol trioleate.

Process for preparing such a composition, use of said composition for the manufacture of a finished article or a semi-finished product intended for a suspension system of a motor vehicle, in particular a tire or a tread of such a tire.